SCIENCE & TECHNOLOGY INNOVATIONS

The challenges facing battlefield commanders today are as dynamic as the world we live in. While advances in communications technology and computer applications will allow rapid, network-centric dissemination of information, targeting and other critical data at all levels across the battlefield, operating environment diversity, equipment sophistication and increased operations tempo will place unprecedented demands on combatant commanders and their Soldiers.

As the articles in this section illustrate, the human element in decision making, not machines, will always determine final battlefield outcomes. Make no mistake; the use of new technological innovations will certainly enhance situational awareness and force capabilities providing combatant commanders the potential for full-spectrum dominance. Likewise, advances in simulations, near real-time information dissemination and auxiliary power generation will enhance all aspects of battle command and continue to give U.S. Forces a decided operational advantage regardless of where the battlefield takes them.

There is little doubt that today's leaders must be technologically savvy to wield the awesome capabilities and weaponry the Army is providing them. But more importantly, they must also be skilled in operational art and be able to adjust rapidly to temporal and spatial battlespace variations to master complexity and use the advanced technology capabilities they've been given to meet current and future knowledge-based warfare operations challenges. However, as GEN George S. Patton Jr. stated so eloquently more than 60 years ago — "Wars may be fought with weapons, but they are won by men. It is the spirit of the men who follow and of the man who leads that gains the victory." The Army Acquisition, Logistics and Technology Workforce is striving to ensure that our warfighters are well equipped with the technology *and* the leadership tools by which to wield them.

Editor-in-Chief